

XP-002227530

AN - 2001-600040 [68]

AP - JP20000007955 20000117

CPY - NITL

DC - A17 A35 G05 P75

FS - CPI;GMPI

IC - B41M5/40 ; C09J7/02

MC - A04-G01E A12-W07F1 G05-F01

PA - (NITL) NITTO DENKO CORP

PN - JP2001200216 A 20010724 DW200168 C09J7/02 005pp

PR - JP20000007955 20000117

XA - C2001-177616

XIC - B41M-005/40 ; C09J-007/02

XP - N2001-447636

AB - JP2001200216 NOVELTY - A printing sheet has an ink receptive layer containing propylene group polymer and having surface energy of 33 dynes or more, on the surface. Information is formed on the ink receptive layer by thermal transfer printer using ink consisting of a polyolefin with viscosity average molecular weight of 2000-100000, and a coloring agent.

- DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for manufacture of printing sheet which involves corona treatment, plasma processing or sputtering of the ink receptive layer.

- USE - As printing sheet for a thermal transfer printer.

- ADVANTAGE - Information formed on the ink receptive layer of the printing sheet has excellent solvent resistance. The ink receptive layer has low heat transfer energy less than 0.15 mJ/dot. Continuous printing is performed using the printing sheet. Clear information is formed by thermal transfer printer. Damage of ink ribbon is prevented.

- (Dwg.0/0)

IW - PRINT SHEET THERMAL TRANSFER PRINT INK RECEPITIVE LAYER CONTAIN PROPYLENE GROUP POLYMER PRESET SURFACE ENERGY SURFACE

IKW - PRINT SHEET THERMAL TRANSFER PRINT INK RECEPITIVE LAYER CONTAIN PROPYLENE GROUP POLYMER PRESET SURFACE ENERGY SURFACE

NC - 001

OPD - 2000-01-17

ORD - 2001-07-24

PAW - (NITL) NITTO DENKO CORP

TI - Printing sheet for thermal transfer printer, has ink receptive layer containing propylene group polymer and having preset surface energy, on the surface

A01 - [001] 018 ; G0033-R G0022 D01 D02 D51 D53 ; H0000 ; H0011-R ; P1150

- [002] 018 ; Q9999 Q8797 Q8775 ; B9999 B5094 B4977 B4740 ; K9574
K9483

- [003] 018 ; ND01 ; Q9999 Q8800 Q8775 ; K9676-R ; B9999 B4626 B4568
- [004] 018 ; A999 A077-R

A02 - [001] 018 ; R00964 G0044 G0033 G0022 D01 D02 D12 D10 D51 D53 D58 D83 ;

H0000 ; H0011-R ; S9999 S1581 ; P1150 ; P1343

- [002] 018 ; B9999 B5163 B5152 B4740 ; B9999 B5094 B4977 B4740 ;
B9999 B5243-R B4740 ; B9999 B5447 B5414 B5403 B5276 ; N9999 N7090
N7034 N7023 ; N9999 N7147 N7034 N7023 ; K9427
- [003] 018 ; ND01 ; Q9999 Q8800 Q8775 ; K9676-R ; B9999 B4626 B4568

A03 - [001] 018 ; P0000

- [002] 018 ; Q9999 Q6644-R ; B9999 B5447 B5414 B5403 B5276 ; N9999 N7147 N7034 N7023 ; N9999 N7090 N7034 N7023 ; N9999 N5721-R ; K9574 K9483

- [003] 018 ; ND01 ; Q9999 Q8800 Q8775 ; K9676-R ; B9999 B4626 B4568

A04 - [001] 018 ; G0351-R G0340 G0339 G0260 G0022 D01 D11 D10 D12 D26 D51 D53 D58 D63 D87 F41 F89 ; H0000 ; S9999 S1605-R ; P0088

- [002] 018 ; B9999 B5094 B4977 B4740 ; Q9999 Q7114-R ; K9563 K9483

- [003] 018 ; ND01 ; Q9999 Q8800 Q8775 ; K9676-R ; B9999 B4626 B4568

- [004] 018 ; R00862 D01 D02 D11 D10 D19 D18 D31 D50 D76 D87 ; A999 A475

- [005] 018 ; A999 A157-R

A05 - [001] 018 ; R00326 G0044 G0033 G0022 D01 D02 D12 D10 D51 D53 D58 D82 ; H0000 ; P1150 ; P1161

- [002] 018 ; K9449 ; N9999 N7147 N7034 N7023 ; Q9999 Q7114-R ; K9574 K9483

- [003] 018 ; ND01 ; Q9999 Q8800 Q8775 ; K9676-R ; B9999 B4626 B4568

- [004] 018 ; R01669 D00 D09 C- 4A ; A999 A237

A06 - [001] 018 ; P0884 P1978 P0839 H0293 F41 D01 D11 D10 D19 D18 D31 D50 D63 D90 E21 E00 ; S9999 S1285-R

- [002] 018 ; N9999 N7090 N7034 N7023 ; N9999 N7147 N7034 N7023 ; B9999 B5447 B5414 B5403 B5276 ; K9574 K9483

- [003] 018 ; ND01 ; Q9999 Q8800 Q8775 ; K9676-R ; B9999 B4626 B4568